## **CLAIMS**

## What is claimed is:

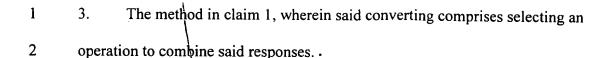
	1	1 A mostly of Garages
	1	1. A method for processing a one-to-one request from a client program to
	2	multiple instances of a server program over a protocol, said method comprising:
Sub and the first and the firs	$\rightarrow$ 3	transferring said request from said client program to a multiplexor;
	/ 4	generating a plurality of instances of said request using said multiplexor,
	5	wherein each of said instances of said request corresponds to a different instance
	6	of said server program;
	7	transferring said instances of said request from said multiplexor to said
	8	instances of said server program;
	9	transferring a plurality of responses from said instances of said server
er that there thank there there there thank the thank thank thank thank thank thank thank thank thank	10	program to said multiplexor
	11	converting said responses to a uniform response; and transferring said
	12	uniform response to said client program.

The method in claim 1, further comprising specifying target instances of 2. said server program to form a fan out target list, to which said instances of said request will be transferred.

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- 4. The method in claim 3, wherein said operation comprises one of listing said
  responses, aggregating said responses, adding said responses, preparing a subset of
- responses, aggregating said responses, adding said responses, preparing a subset of said responses, identifying a maximum of said responses, identifying a minimum
- 4 of said responses, and averaging said responses.
- 1 5. The method in claim \( \frac{1}{3}, \) wherein said multiplexor automatically creates said
- 2 instances of said request.
- 1 6. The method in claim 1, wherein said client program, said instances of said
- 2 server program, and said protocol are unaffected by said method.
- The method in claim 1, wherein said unified response has an instance
- 2 corresponding to said client program.
- 1 8. A method of processing a request from a client program to multiple
- 2 instances of a server program over a protocol, said method comprising:
- modifying said request to create multiple instances of said request, each of
- said instances of said request corresponding to a single instance of said server
- 5 program;

AM9-99-0158

transferring said instances of said request to corresponding ones of said
instances of said server program; and
modifying and combining responses to said request from said instances of
said server program to create a unified response.

The method in claim 8, wherein a multiplexor alters said request to comply

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- 9. The method in claim 8, wherein a multiplexor alters said request to comply with each instance of said server program.
- 1 10. The method in claim 9, wherein said multiplexor automatically creates said instances of said request.
- 1 11. The method in claim 8, further comprising specifying target instances of said server program to form a fan out target list, to which said instances of said request will be transferred.
- 1 12. The method in claim 8, wherein said converting comprises selecting an operation to combine said responses.
- 1 13. The method in claim 12, wherein said operation comprises one of listing said responses, aggregating said responses, adding said responses, preparing a subset of said responses, identifying a maximum of said responses, identifying a minimum of said responses, and averaging said responses.

14. The method in claim 8, wherein said client program, said instances of said server program, and said protocol are unaffected by said method.  15. The method in claim 8, wherein said unified response has an instance corresponding to said client program.  16. A method of using a computer program to process a one-to-one request from a client program to multiple instances of a server program over a protocol, said method comprising:  17. using said computer program to transfer said request from said client program to a multiplexor;  18. using said computer program to generate a plurality of instances of said request corresponds to a different instance of said server program;  19. using said computer program to transfer said instances of said request from said multiplexor to said instances of said server program;  10. using said computer program to transfer a plurality of responses from said instances of said server program;  11. using said computer program to transfer a plurality of responses from said instances of said server program;  12. using said computer program to convert said responses to a uniform response; and  13. using said computer program to transfer said uniform response to said client program.			
1 15. The method in claim 8, wherein said unified response has an instance corresponding to said client program.  1 16. A method of using a computer program to process a one-to-one request from a client program to multiple instances of a server program over a protocol, said method comprising:  4 using said computer program to transfer said request from said client program to a multiplexor;  6 using said computer program to generate a plurality of instances of said request using said multiplexor, wherein each of said instances of said request corresponds to a different instance of said server program;  9 using said computer program to transfer said instances of said request from said multiplexor to said instances of said server program;  10 using said computer program to transfer a plurality of responses from said instances of said server program to said multiplexor;  11 using said computer program to convert said responses to a uniform response; and  12 using said computer program to transfer said uniform response to said		1	14. The method in claim 8, wherein said client program, said instances of said
corresponding to said client program.  1 16. A method of using a computer program to process a one-to-one request from a client program to multiple instances of a server program over a protocol, said method comprising:  using said computer program to transfer said request from said client program to a multiplexor;  using said computer program to generate a plurality of instances of said request using said multiplexor, wherein each of said instances of said request corresponds to a different instance of said server program;  using said computer program to transfer said instances of said request from said multiplexor to said instances of said server program;  using said computer program to transfer a plurality of responses from said instances of said server program to convert said responses to a uniform response; and  using said computer program to transfer said uniform response to said		2	server program, and said protocol are unaffected by said method.
1 16. A method of using a computer program to process a one-to-one request 2 from a client program to multiple instances of a server program over a protocol, 3 said method comprising: 4 using said computer program to transfer said request from said client 5 program to a multiplexor; 6 using said computer program to generate a plurality of instances of said 7 request using said multiplexor, wherein each of said instances of said request 8 corresponds to a different instance of said server program; 9 using said computer program to transfer said instances of said request from 10 said multiplexor to said instances of said server program; 11 using said computer program to transfer a plurality of responses from said 12 instances of said server program to said multiplexor; 13 using said computer program to convert said responses to a uniform 14 response; and 15 using said computer program to transfer said uniform response to said		1	15. The method in claim 8, wherein said unified response has an instance
from a client program to multiple instances of a server program over a protocol, said method comprising:  using said computer program to transfer said request from said client program to a multiplexor;  using said computer program to generate a plurality of instances of said request using said multiplexor, wherein each of said instances of said request corresponds to a different instance of said server program;  using said computer program to transfer said instances of said request from said multiplexor to said instances of said server program;  using said computer program to transfer a plurality of responses from said instances of said server program to said multiplexor; using said computer program to convert said responses to a uniform response; and using said computer program to transfer said uniform response to said	)	2	corresponding to said client program.
said method comprising:  using said computer program to transfer said request from said client  program to a multiplexor;  using said computer program to generate a plurality of instances of said  request using said multiplexor, wherein each of said instances of said request  corresponds to a different instance of said server program;  using said computer program to transfer said instances of said request from  said multiplexor to said instances of said server program;  using said computer program to transfer a plurality of responses from said  instances of said server program to said multiplexor;  using said computer program to convert said responses to a uniform  response; and  using said computer program to transfer said uniform response to said		1	16. A method of using a computer program to process a one-to-one request
using said computer program to transfer said request from said client program to a multiplexor; using said computer program to generate a plurality of instances of said request using said multiplexor, wherein each of said instances of said request corresponds to a different instance of said server program; using said computer program to transfer said instances of said request from said multiplexor to said instances of said server program; using said computer program to transfer a plurality of responses from said instances of said server program to said multiplexor; using said computer program to convert said responses to a uniform response; and using said computer program to transfer said uniform response to said		2	from a client program to multiple instances of a server program over a protocol,
program to a multiplexor;  using said computer program to generate a plurality of instances of said  request using said multiplexor, wherein each of said instances of said request  corresponds to a different instance of said server program;  using said computer program to transfer said instances of said request from  said multiplexor to said instances of said server program;  using said computer program to transfer a plurality of responses from said  instances of said server program to said multiplexor;  using said computer program to convert said responses to a uniform  response; and  using said computer program to transfer said uniform response to said		3	said method comprising:
using said computer program to generate a plurality of instances of said request using said multiplexor, wherein each of said instances of said request corresponds to a different instance of said server program; using said computer program to transfer said instances of said request from said multiplexor to said instances of said server program; using said computer program to transfer a plurality of responses from said instances of said server program to said multiplexor; using said computer program to convert said responses to a uniform response; and using said computer program to transfer said uniform response to said		4	using said computer program to transfer said request from said client
request using said multiplexor, wherein each of said instances of said request  corresponds to a different instance of said server program;  using said computer program to transfer said instances of said request from said multiplexor to said instances of said server program;  using said computer program to transfer a plurality of responses from said instances of said server program to said multiplexor;  using said computer program to convert said responses to a uniform response; and  using said computer program to transfer said uniform response to said		5	program to a multiplexor;
corresponds to a different instance of said server program;  using said computer program to transfer said instances of said request from said multiplexor to said instances of said server program; using said computer program to transfer a plurality of responses from said instances of said server program to said multiplexor; using said computer program to convert said responses to a uniform response; and using said computer program to transfer said uniform response to said		6	using said computer program to generate a plurality of instances of said
using said computer program to transfer said instances of said request from said multiplexor to said instances of said server program; using said computer program to transfer a plurality of responses from said instances of said server program to said multiplexor; using said computer program to convert said responses to a uniform response; and using said computer program to transfer said uniform response to said		7	request using said multiplexor, wherein each of said instances of said request
said multiplexor to said instances of said server program;  using said computer program to transfer a plurality of responses from said  instances of said server program to said multiplexor;  using said computer program to convert said responses to a uniform  response; and  using said computer program to transfer said uniform response to said		8	corresponds to a different instance of said server program;
using said computer program to transfer a plurality of responses from said instances of said server program to said multiplexor; using said computer program to convert said responses to a uniform response; and using said computer program to transfer said uniform response to said		9	using said computer program to transfer said instances of said request from
instances of said server program to said multiplexor; using said computer program to convert said responses to a uniform response; and using said computer program to transfer said uniform response to said	1	10	said multiplexor to said instances of said server program;
using said computer program to convert said responses to a uniform response; and using said computer program to transfer said uniform response to said	1	1	using said computer program to transfer a plurality of responses from said
response; and using said computer program to transfer said uniform response to said	1	2	instances of said server program to said multiplexor;
using said computer program to transfer said uniform response to said	1	.3	using said computer program to convert said responses to a uniform
being own compared program to transfer said uniform response to said	1	4	response; and
16 client program.	1	5	using said computer program to transfer said uniform response to said
	1	6	client program.

- 1 17. The method in claim 16, further comprising using said computer program
- 2 to specify target instances of said server program to form a fan out target list, to
- which said request will be transferred.

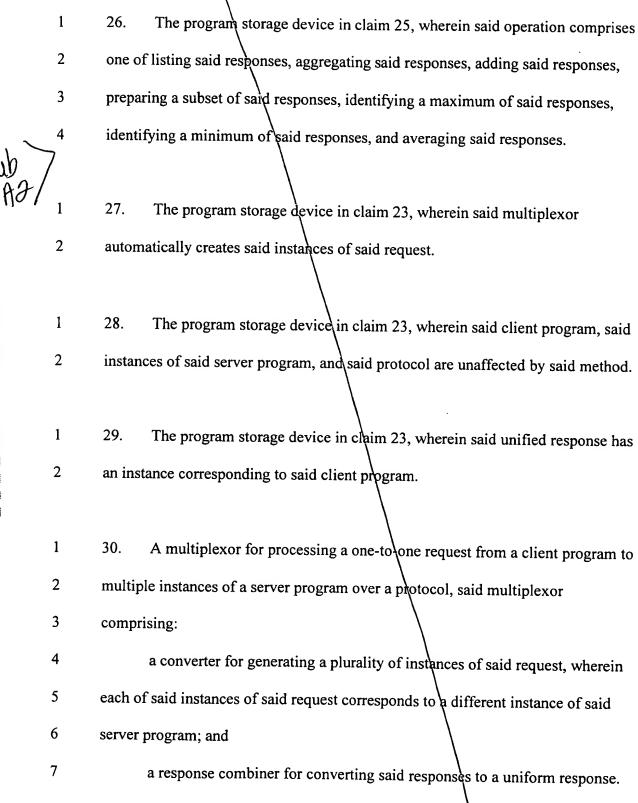
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- 1 18. The method in claim 16, wherein said using said computer program to
- 2 convert comprises using said computer program to select an operation to combine
- 3 said responses.
- 1 19. The method in claim 1/8, wherein said operation comprises one of listing
- 2 said responses, aggregating said responses, adding said responses, preparing a
- 3 subset of said responses, identifying a maximum of said responses, identifying a
- 4 minimum of said responses, and averaging said responses.
- 1 20. The method in claim 16, wherein said multiplexor automatically creates
- 2 said instances of said request.
- 1 21. The method in claim 16, wherein said client program, said instances of said
- server program, and said protocol are unaffected by said computer program.
- 1 22. The method in claim 16, wherein said unified response has an instance
- 2 corresponding to said client program.

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	2	program of instructions executable by the machine to perform a method for
	3	processing a one-to-one request from a client program to multiple instances of a
	4	server program over a protocol, said method comprising:
	5	transferring said request from said client program to a multiplexor;
	6	generating a plurality of instances of said request using said multiplexor,
	7	wherein each of said instances of said request corresponds to a different instance of
	8	said server program;
	9	transferring said instances of said request from said multiplexor to said
	10	instances of said server program;
	11	transferring a plurality of responses from said instances of said server
	12	program to said multiplexor;
	13	converting said responses to a uniform response; and
	14	transferring said uniform response to said client program.
	1	24. The program storage device in claim 23, further comprising specifying
	2	target instances of said server program to form a fan out target list, to which said
	3	instances of said request will be transferred.
	1	25. The program storage device in claim 23, wherein said converting comprises
	2	selecting an operation to combine said responses.
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AM9-99-0158

1 31. The multiplexor in claim 30, wherein said response combiner selects an operation to combine said responses.

1 32. The multip listing said respons 3 a subset of said res

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- 32. The multiplexor in claim 31, wherein said operation comprises one of listing said responses, aggregating said responses, adding said responses, preparing a subset of said responses, identifying a maximum of said responses, identifying a minimum of said responses, and averaging said responses.
- 1 33. The multiplexor in claim 30, wherein said converter automatically creates said instances of said request upon receipt of said request.
- 1 34. The multiplexor in claim 30, wherein said client program, said instances of said server program, and said protocol are unaffected by said multiplexor.
- 1 35. The multiplexor in claim 30, wherein said unified response has an instance corresponding to said client program.